

Title (en)

Immunoassay reagents and method for determining cyclosporine.

Title (de)

Immunotestreagenzien und Verfahren zur Bestimmung von Cyclosporin.

Title (fr)

Réactifs d'immunoessai et méthode pour la détermination de cyclosporine.

Publication

**EP 0473961 A2 19920311 (EN)**

Application

**EP 91113328 A 19910808**

Priority

US 56784290 A 19900815

Abstract (en)

Cyclosporine derivatives useful as detectable tracer compounds for the immunoassay determination of cyclosporine are disclosed. The cyclosporine derivatives comprise a detectable moiety coupled to the amino acid at the first position (MeBmt) in cyclosporine, the second position (Abu) in cyclosporine, the third position (Sar) in cyclosporine, the eighth position (D-Ala) in cyclosporine, or the tenth position (MeLeu) in cyclosporine. A preferred cyclosporine derivative comprises a fluorescent moiety coupled to the hydroxyl group of the amino acid at the first position in cyclosporine, and is especially useful for the fluorescent polarization immunoassay determination of cyclosporine. A fluorescent polarization immunoassay method and test kit are also disclosed. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

US5593896A; EP1466176A4; US5393891A; US5504091A; US5990274A; US5496925A; US5573904A; US5616298A; EP0635020A4; US8569516B2; US7601851B2; US6207398B1; US8288111B2; US7279561B1; US7279562B2; US7897733B2; US6328970B1; US6541612B2; US9765119B2; US10472394B2; USRE48226E

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